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XLIX. A short Account of the Observations of the late Transit of Venus, made in California, by Order of his Catholic Majesty; communicated by his Excellency Prince Masserano, Ambassador from the Spanish Court, and F. R. S.

Read Nov. 22,

1770.

a Spanish frigate, is just arrived at Madrid. He brought with him, and presented to the King, an account of his observation of the last Transit of Venus at California, whither he was sent last year for that purpose, being in substance as sollows:

The latitude of the Village of St. Jo-) a	,	12"
The latitude of the Village of St. Jo- feph, eight leagues distant from Cape St. Lucar	5	15
h /		11
The longitude from the meridian of 7 2	8	172
The two internal contacts of the Planete		
were at \ o 1	7	25
were at and at 5 5	4	44½
Hence, on the computation of Monf.		
Hence, on the computation of Mons. Pingré, in his Memoir of the year 1767, the solar Parallax is	2	8 4
1767, the folar Parallax is J		
2		And

[550]

And the distance of the Sun from the Earth is greater than it was supposed to be $\frac{7}{33}$, or nearly 6,685,000 leagues.

The corresponding observations will be necessary to resolve the problem more compleatly.